



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE STATEMENT**

APPLICANT: Romney R. Katti et al. H0004235 CASE NO.: P02,0480  
SERIAL NO.: 10/706,067 GROUP ART UNIT: unknown  
FILING DATE: November 12, 2003 CONFIRMATION NO.: unknown  
INVENTION: IMPROVED BIT END DESIGN FOR PSEUDO SPIN VALVE  
(PSV) DEVICES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

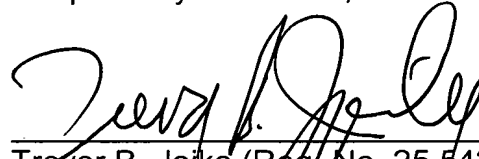
The patents and/or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 CFR § § 1.56, 1.97, and 1.98. Copies of the patents or publications noted on the Form-1449 are enclosed herewith.

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, before the mailing date of a first Office Action on the merits. Therefore, in accordance with 37 CFR §1.197(b), no certification or fee is required.

The Commissioner is hereby authorized to charge any additional fees that may be required, or to credit any overpayment, to account No. 501519.

An early and favorable action on the merits is respectfully requested.

Respectfully submitted,



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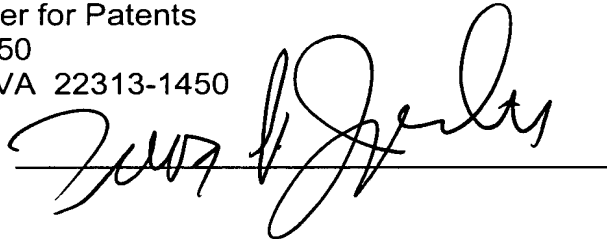
#### CERTIFICATE OF MAILING

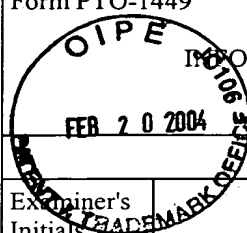
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Form PTO-1449					Docket No. P02,0480		Serial No. 10/706,067	
 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (use several sheets if necessary)					Romney R. Katti et al.		Group Art Unit	
					Filing Date November 12, 2003			
<b>U.S. PATENT DOCUMENTS</b>								
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate	
	AA	5,695,864	12/09/97	Slonczewski				
	AB	5,966,322	10/12/99	Pohm et al.				
	AC	5,949,707	09/07/99	Pohm et al.				
	AD	6,317,359 B1	11/13/01	Black et al.				
	AE	6,392,924 B1	05/21/02	Liu et al.				
	AF							
	AG							
	AH							
	AI							
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AJ							
	AK							
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AR	James Daughton, "Magnetoresistive Random Access Memory (MRAM), 2/4/00, pgs. 1-13.						
	AS							
	AT							
	AU							
	AV							
	AW							
Examiner			Date Considered					
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								